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~~15-065-21615-00-00~~

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

JUN 1 1989 Form C-5 Revised

Conservation Division
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE:
 Company Ritchie Exp. Lease Kemper. Well No. #1
 County Graham Location SW/4 Section 7 Township 6 Range 23 Acres
 Field Kemper Reservoir LKC Pipeline Connection Kochi
 Completion Date Type Completion (Describe) Pumping Plug Back T.D. 3786 Packer Set At
 Production Method: Type Fluid Production Crude API Gravity of Liquid/Oil
 Flowing (Pumping) Gas Lift Casing Size 4 1/2 Weight I.D. Set At 3785 Perforations To 3703-06
 Tubing Size 2 3/8 Weight I.D. Set At 3762 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.
 Test: Starting Date 6-1-89 Time 11:00 AM Ending Date 6-1-89 Time 11:00 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure				Choke Size			
Casing:	Tubing:	Starting Gauge		Ending Gauge		Net Prod. Bbls.			
Bbls./In.	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
1.67	200	170429	6	2	123.59	7	8	153.60	7 30.01
Pretest:								123.59	
Test:								3001	

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range				Static Pressure:		
Pipe Taps:	Flange Taps:	Differential:		Static Pressure:				
Measuring Device	Run-Prover-Tester	Orifice Size	Meter-Prover-Tester	Pressure In. Water	Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	STATE CORPORATION COMMISSION							
Critical Flow Prover	JUN 6 1989							
Orifice Well Tester	CONSERVATION DIVISION Wichita, Kansas							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the _____ day of _____ 19__

For Offset Operator *Gilbert D. Balthasar* For State *Tom Post* For Company

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____
LEASE _____ OF SEC. T R _____
WELL NO. _____ COUNTY _____
FIELD _____ PRODUCING FORMATION _____
Date Taken _____ Date Effective _____
Well Depth _____ Top Prod. Form _____ Perfs _____
Casing: Size _____ Wt. _____ Depth _____ Acid _____
Tubing: Size _____ Depth of Perfs _____ Gravity _____
Pump: Type _____ Bore _____ Purchaser _____
Well Status _____
Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY

STROKES PER MINUTE _____

LENGTH OF STROKE _____ INCHES

REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET